

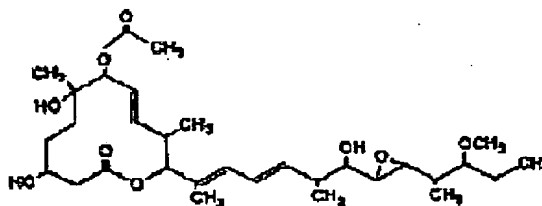
12-MEMBERED RING ACROLIDE COMPOUND

Patent number: JP4352783
Publication date: 1992-12-07
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Applicant: TAISHO PHARMACEUT CO LTD
Classification:
- international: C07D407/06; A61K31/335; C12P17/08
- european:
Application number: JP19910223760 19910527
Priority number(s):

Abstract of JP4352783

PURPOSE: To provide the subject new compound having antitumor action.

CONSTITUTION: The compound of formula having the following physiological properties. Aerobic; liquefaction of gelatin, positive; coagulation of defatted milk, negative; peptonization of defatted milk, positive; hydrolysis of starch, positive; formation of melanin-like pigment, negative; composition of menaquinone, MK-9 (H6, H8). It has the following physical and chemical properties. Appearance, white powder; melting point, 72-76 deg.C; mass analysis, EIMS spectrum m/Z 566(M⁺); molecular formula, C₃₁H₅₀O₉; molecular weight, 566; specific rotation, [α]_D²⁵=20.0 (C=0.1, methanol); solubility, easily soluble in methanol, chloroform, acetone and ethyl acetate, scarcely soluble in n-hexane, insoluble in water; etc. The compound of formula can be produced by culturing *Streptomyces hygroscopicus* A-9561 (FERM P-12223) under aerobic condition, extracting the culture liquid with acetone and extracting the extract with ethyl acetate.



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